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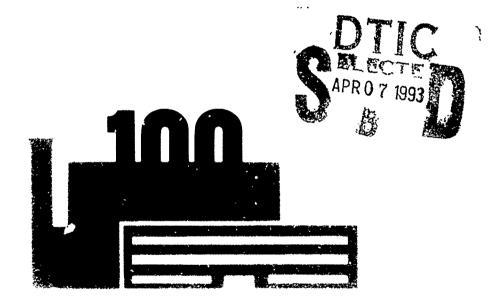
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100 COMPANIES

RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS

Fiscal Year 1992



Approved for public releases

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DIRECTORATE FOR INFÓRMATION OPERATIONS AND REPORTS (DIOR)

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100 COMPANIES RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS

Fiscal Year 1992

Department of Defense
Washington Headquarters Services
Directorate for Information
Operations and Reports



DTIC and NTIS identification number for this publication is DICR/P01-92

FOREWORD

100 Companies Receiving the Largest Dollar Volume of Prime Contract Awards is published annually. This report contains summary data on the 100 companies, including their subsidiaries, which were awarded the largest total dollar volume of Department of Defense prime contract awards during fiscal year 1992.

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INTRODUCTION

This report presents summary data on the 100 companies and their subsidiaries receiving the largest dollar volume of Department of Defense (DoD) prime contract awards during fiscal year (FY) 1992. Table 1, (page 7) lists the 100 companies in alphabetical order and gives their associated rank. Table 2 (page 9) identifies the parent companies in rank order, with their subsidiaries, and gives the total net value of awards for both the parent company and its subsidiaries. In many cases the parent company receives no awards itself but appears on the list because of its subsidiaries. Table 2 also shows what percent of the total awards each company's awards represent as well as the cumulative percent represented by all companies.

NOTES ON COVERAGE

Data in this report reflect the net value of both debit and credit procurement actions over \$25,000. e.g. the value of a terminated contract or other downward adjustment to a contract is deducted from a firm's total award amount, while modifications and other positive adjustments are treated as increases. Procurement actions include definitive contracts, the obligated portions of letter contracts, job orders, task orders, delivery orders, and any other orders against existing contracts. Research and development, services, construction, and supply and equipment contracts, worldwide, are included.

The report does not include those parts of indefinite quantity contracts that have not been translated into specific orders to business firms or those contracts that have not yet become mutually binding agreements between the government and the company. The company totals do not include contracts made by other U.S. Government agencies and financed with Department of Defense funds or contracts awarded in foreign nations through their respective governments.

DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE DUN & BRADSTREET CORPORATION'S DATA UNIVERSAL NUMBERING SYSTEM (DUNS) AND/OR THE FEDERAL PROCUREMENT DATA SYSTEM (FPDS) CONTRACTOR ESTABLISMENT CODE (CEC), AND THE ABILITY OF THESE CODING SYSTEMS TO DESCRIBE RELATIONSHIPS OF COMPANIES.

HIGHLIGHTS

Department of Defense prime contract awards over \$25,000 totaled \$121.4 billion during FY 1992, \$15.3 billion less than in FY 1991. The 100 firms and their subsidiaries receiving the largest amount of DoD contracts in FY 1992 received \$75.4 billion or 62.1 percent of this amount, primarily for aircraft, missile/space systems, ships, and electronics & communications equipment. In FY 1991 the top 100 companies received \$85.0 billion or 62.2 percent of all awards.

Exhibit A below shows that the first five companies received 19.2 percent of the total received by all companies in FY 1992, compared with 21.4 percent during FY 1991. The company ranked as number one during FY 1992, McDonnell Douglas Corp., also ranked as number one last year with awards of \$5 3 billion during FY 1992 as compared with \$8 1 billion during FY 1991. The smallest total amount received by a company in the FY 1992 Table 2 was \$116 million, compared to \$142 million in FY 1991

Exhibit A

COMPANY	Percent of Total					
POSITION	FY 1992	FY 1991	FY 1990	FY 1989		
1st 2nd 3rd 4th 5th	4.4% 4.0 3.8 3.7 3.3	5.9% 5.7 3.6 3.2 3.0	6.3% 4.8 4.3 3.1 3.1	6.7% 5.3 4.5 2.9 2.9		
TOTAL 1-5	19.2	21.4	21.6	22.3		
6-10 11-25	11.7 14.9	10.1 13.3	11.5 15.9	12.2 15.1		
TOTAL 1-25	45.8	44.8	49.0	49.6		
26-50 51-75 76-100 TOTAL 1-100	8.9 4.6 2.8 ——— 62.1%	9.3 4.9 3.1 ———————————————————————————————————	9.8 4.6 2.9 	9.4 4.7 2.7 ——— 66.4%		

Changes in the Top 100 Companies, FY 1991 To FY 1992

Eighteen companies which did not appear on the list last year are among the top 100 companies this year (See Exhibit B below.) Of these, one appears in position 32, one in position 53, and the balance between 66 and 100 The companies which appeared on the FY 1991 list which did not appear on this year's list are also shown in Exhibit B. Companies are considered as appearing on the list in both years despite mergers, acquisitions, divestitures, and name changes if a major component of a newly constituted company or the newly constituted company itself made the list as a component of a company in the top 100 in the prior year.

Exhibit B

Companies Listed in FY 1992 But not in FY 1991

Companies Listed in FY 1991
But not in FY 1992

Arvin Industries, Inc. Blackstone Group LP 1/ Ceridian Corp. 2/ Digital Equipment, Inc. Duchossois Enterprises, Inc. Eastman Kodak Co. Ensearch Corp. Forstmann Little, & Co. Infotec Development, Inc. Israel Aircraft Industries Martin Marietta & Westinghouse JV Montecatini Edisor. SPA In Abbreviazione National Program Office 3/ Renco Group, Inc. 4/ Southwest Marine Inc. Stewart & Stevenson Services, Inc. Vinnell Corp. & Brown & Root JV Xerox Corp.

Amerada Hess Corp. American President Companies, Ltd. American Trans Air Kalitti JV Bahrain National Oil **Bell Boeing JV** Caltex Petroleum Corp. Dupont, E I De Nemours & Co. Hensel Phelps Construction Co. Kaman Corp. LTV Corp. Motor Oils Hellas Corinth Refinery Norfolk Shipbuilding & Drydock Corp. Rolls Royce PLC Shore Management, Inc. Ssangyong Oil Refining Co. Ltd. Sun Company, Inc. Unaka Co. Inc. Vinnell Corp.

- 1/ Acquired Great Lakes Dredge & Dock Co. From Itel Corp.
- 2/ Formerly Control Data Corp.
- 3/ Joint Venture of McDonnell Douglas Corp., Rockwell International Corp., General Dynamics Corp., and Pratt & Whitney.
- 4/ Acquired AM General Corp. from LTV Corp.

Some of the other major changes during this year were the acquisition of Cessna Aircraft Corp. by Textron, Inc.; acquisition of General Dynamics missile division by General Motors Hughes; and the acquisition of the missile and aerospace units of LTV Corp. by Loral Corp. and Carlyle Group.

Primary Procurement Categories of the Top 100 Companies

Although the contract work of many companies on the list includes more than one procurement category, each company has been assigned in Exhibit C (below) to the procurement category that accounts for its largest dollar volume of DoD awards; for example, General Electric Co. is a multi-industry company producing electronic and communications equipment and industrial and consumer products. For this exhibit, it has been assigned to "Aircraft", the procurement category accounting for its largest dollar volume of DoD contract awards.

Exhibit C

Procurement	Number of Companies				
Category	FY 1992	FY 1991	Change		
Aircraft Missiles Ships Tank -Automotive Ammunition Electronics Services Construction Petroleum Weapons Subsistence All Other	17 13 8 5 6 18 22 3 7 1 0	18 12 7 3 4 18 21 2 13 0 1	-1 +1 +2 +2 +1 +1 -6 +1		

Top 10 Companies

The top 10 companies during FY 1992 are listed in Exhibit D by rank, along with its FY 1991 rank and the dollar value of the awards it received in both FY 1992 and FY 1991. Exhibit E (page 5) describes the major products of these 10 companies.

Exhibit D

RANK		COMPANY NAME		AWARDS (In Billions)	
1992	1991		1992	1991	
1 2 3 4 5 6 7 8 9 10	1 6 9 2 3 4 5 7 18 8	McDonnell Douglas Corp. Northrop Corp. Lockheed Corp. General Dynamics Corp. General Electric Co. General Motors Corp Raytheon Co. United Technologies Corp. Boeing Co. Martin Marietta Corp.	\$5.3 4.9 4.7 4.5 4.0 3.7 2.8 2.8 2.5 2.4	\$8.1 3.3 2.7 7.8 4.9 4.4 4.1 2.8 1.2 2.7	

Exhibit E

COMPANY

MAJOR PRODUCTS

1. McDonneil Douglas Corp.

F-18 HORNET, F-15 EAGLE, C-17 cargo transport, AV-8 HARRIER, T-45 GOSHAWK, and AH-64 APACHE aircraft. TOMAHAWK and HARPOON missile systems. RDT&E Strategic Defense Initative.

2. Northrop Corp.

B-2 STEALTH, aircraft.
Various electronics/communciations equipment.
RDT&E for electronics/communcation equipment, and missile/space systems.

3. Lockheed Corp

TRIDENT missile system.

Advanced Tactical Fighter, C-130
HERCULES, C-141 STARLIFTER, and
C-5 GALAXY aircraft.

RDT&E for missile/space systems,
aircraft, and electronics/
communication equipment.

4. General Dynamics Corp.

F-16 FALCON fighter aircraft.
Nuclear submarines.
M-1 tank.
TOMAHAWK, STINGER, and RIM-66 missiles.
MK-15 close-in weapon system.
Marine charter.

5. General Electric Co.

TOW, AEGIS, and TRIDENT missile system components.
T-700 and F-110 engines.
Nuclear reactors for submarines.
Underwater sound equipment.
RDT&E for missile/space systems, ships, aircraft, and electronics/communication equipment.

Exhibit E (Concluded)

COMPANY

MAJOR PRODUCTS

6. General Motors Corp.

AMRAAM, TOW, TRIDENT, and MAVERICK missile systems.
Components MK -50 torpedo.
Vehicular power transmission components for M-1 Tank.
RDT&E for missile/space systems, and electronics/communication equipment.
Miscellaneous Electronics/communication equipment.

7. Raytheon Co.

PATRIOT, AMRAAM, TRIDENT.
HAWK, and RIM-66 Standard
missile systems and components.
Miscellaneous Fire Control
equipment.
RDT&E for electronics/communication
equipment and missile/space systems.
Underwater sound equipment.

8. United Technologies Corp.

F-100, TF-30, and TF-33 aircraft engines. UH-60 BLACKHAWK, SH-60 SEAHAWK, CH-53 SEA STALLION, and advanced tactical fighter aircraft. RDT&E for aircraft, missile/space systems, and electronics/communication equipment.

9. Boeing Co.

A-6 INTRUDER, CH-47 CHINOOK, and KC-135 STRATOLIFTER aircraft.
Components and services for B-1, E3A, and VSX aircraft.
Space vehicles.

10. Martin Marietta Corp.

RDT&E for TITAN missile system.

A-64 APACHE aircraft equipment and other miscellaneous aircraft accessories and components.

MK-41 Guided Missile Launch.

Operation of ammunition facility.

TABLE 1 INDEX OF 100 PARENT COMPANIES WHICH RECEIVED THE LARGEST DOLLAR VCLUME OF PRIME CONTRACT AWARDS

	FISCAL Y	-71	TIOUL
R		R	
A	PARENT	A	PARENT
1 1		1	COMPANY
N	COMPANY	N	COMPANI
K		K	
\vdash			
58	AEROSFACE CORFORATION	190	INFOTEC DEVELOPMENT INC
27	ALLIANT TECHSYSTEMS INC	20	INTERNATIONAL BUS MCHS CORP
33	ALLIED SIGNAL INC	85	INTERNATIONAL SHIPHOLDING CORP
14	AMERICAN TELEPHONE & TELG CO	90	ISRAEL AIRCRAFT INDUSTRIES LTD
98	AMOCG COFFORATION	2.7	ITT CORPORATION
98	ARVIN INDUSTRIES INC	39	JOHNS HOPKINS UNIVERSITY
70	ASTRONAUTICS CORP OF AMERICA	42	JOHNSON CONTROLS INC
56	ATLANTIC RICHFIELD COMPANY	11	LITTON INDUSTRIES INC
73	AVONDALE INDUSTRIES INC	3	LOCKHEED CORPORATION
17	BATH HOLDING CORPORATION	67	LOGICON INC
63	BDM HOLDINGS INC	13	LORAL CORP
55	BLACK & DECKER CORPORATION	10	MARTIN MARIETTA CORPORATION
92	BLACKSTONE GROUP LP	76	MARTIN MARIETTA WESTNIGHSE JV
34	BOEING CO & SIKORSKY ACFT JV	41	MASSACHUSETTS INST OF TCHNOLOG
9	BOEING COMPANY THE	1	MCDONNELL DOUGLAS CORPORATION
		-	MIP INSTANDSETZUNGSBETRIC
83	BOOZ ALLEN & HAMILTON INC C A E INDUSTRIES LTD	60 38	MITE CORPORATION
68			
69	CERIDIAN CORPORATION	87	MOBIL CORPORATION
35	CFM INTERNATIONAL INC	66	MONTECATINI EDISON SPA IN ABBR
89	CHEVRON CORPORATION	45	MOTOROLA INC
79	CHRYSLER CORPORATION	82	NATIONAL PROGRAM OFFICE
49	COASTAL CORPORATION	65	NATIONAL STEEL & SHIPBLDG CO
31	COMPUTER SCIENCES CORPORATION	2	NORTHROP CORPORATION
81	CSX CORPORATION	64	NV PHILIPS GLOEILAMPENFABREIKN
86	DIGITAL EQUIPMENT CORPORATION	29	OLIN CORPORATION
94	DUCHOSSOIS ENTERPRISES INC	43	OSHKOSH TRUCK CORP
37	DYNCORP	51	PENN CENTRAL CORPORATION
30	E-SYSTEMS INC	7	RAYTHEON COMPANY
77	EASTMAN KODAK COMPANY	32	RENCO GROUP INC
91	EATON COPPORATION	15	ROCKWELL INTERNATIONAL CORP
61	EG&G INC	46	RCYAL DUTCH SHELL GROUP OF COS
95	ENSERCH CORFORATION	25	SCIENCE APPLICATIONS INTL CORP
71	ESCO ELECTRONICS CORPORATION	84	SEQUA CORPORATION
50	EXXON COPPOPATION-	78	SOUTHWEST MARINE INC
57	FED EX PAN AM NORTHWEST ETAL	53	STEWART & STEVENSON SVCS INC
35	FMC CORPORATION	49	TELEDYNE INC
88	FORSTMANN LITTLE & CO	28	TENNECO INC
23	FOUNCATION HEALTH CORPORATION	24	TEXAS INSTRUMENTS INCORPORATED
47	GENCORP INC	16	TEXTRON INC
4	GENERAL DYNAMICS CORPORATION	59	THIOKOL CORPORATION
62	GENERAL ELECTRIC CO PLC THE	75	TRACOR INC
5	GENERAL ELECTRIC COMPANY	95	TRINITY INDUSTRIES INC
1	1	19	TRW INC
6	GENERAL MOTORS CORPORATION	1	UNISYS CORPORATION
12	GRUMMAN COPPOSATION	21	UNITED INDUSTRIAL CORPORATION
25	GTE CORFORATION	-	?
72	HALLIBURTON COMPANY	8	UNITED TECHNOLOGIES COPP
48	HARRIS CORPURATION	99	VINNELL CORP BROWN & ROOT JV
54	HARSOO CORFORATION	18	WESTINGHOUSE ELECTRIC CORP
44	HERCULES INCOPPORATED	74	WORLD ROSEN KEY AMER ETAL J V
52	HONEYWELL INC	93	XEROX CORP
1		1	
L	<u> </u>	<u> </u>	<u> </u>

	FISCAL YEAR 1	992		
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
	TOTAL	121,437,966	100.00	199.00
	TOTAL. 100 COMPANIES/SUBSIDIARIES	75.412.007	62.99	62.09
1	MCDONNELL DOUGLAS CORPORATION DOUGLAS AIRCRAFT COMPANY MCDONNELL AIRCRAFT COMPANY MCDONNELL DOUGLAS ELECTRON SYS MCDONNELL DOUGLAS HELICOPTER. MCDONNELL DOUGLAS MSL SYS CO MCDONNELL DOUGLAS SPACE SYS CO MCDONNELL DOUGLAS SYS INTEG CO MCDONNELL DOUGLAS TRNING SYS	3.855.463 657.320 8.609 278 249.205 38.383 450.221 5.025 34.627		
	TOTAL	5,311,151	4.37	4.37
2	NORTHROP CORPORATION NORTHROP WORLDWIDE ARCFT SVCS	4.761.916 e9.099		
	TOTAL	4.851.015	3.99	8.36
3	LOCKHEED CORPORATION ANALYTY ELECTRONIC SYSTEMS CALCOMP INC LOCKHEED AEROMOD CENTER INC LOCKHEED AEROMAUTICAL SYS CO LOCKHEED AEROPARTS INC LOCKHEED AIR TERMINAL INC LOCKHEED AIR TERMINAL INC LOCKHEED AIRCRAFT SERVICE CO LOCKHEED ENGINEERING & SCIENCE LOCKHEED MISSILES & SPACE CO LOCKHEED SANDERS INC LOCKHEED SYSTEMS COMPANY INC LOCKHEED SYSTEMS COMPANY INC LOCKHEED WESTERN EXPORT CO	203.543 3.998 515 26.317 2.475.755 1.416 300 65.551 9.338 292.224 866 807 4.851		
	TOTAL	4,650,404	3.82	12.19
4	GENERAL DYNAMICS CORPORATION AMERICAN OVERSEAS MARINE CORP TOTAL	4,332,423 131,348 4,463,771	3.67	15.87
5	GENERAL ELECTRIC COMPANY CANADIAN GENERAL ELECTRIC CO ELANO CORPORATION GENERAL ELECTRIC GMBH 3 CO KG GENERAL ELECTRIC MEDICAL SYS GENERAL CONTAINER CORP NBC INTERNATIONAL LTD BERMUDA FEUTER-STOKES INC DEL TRANSPORT INT: FOOL INC	4.001.759 1.426 3.545 6 77 410 48 691		
	TOTAL	4,007,764	3.30	19.17

	FIQUE TEAN IS	FISCAL YEAR 1992					
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTYL	CUMULATIVE PERCENT OF TOTAL			
6	GENERAL MOTORS CORPORATION ADAM OPEL AKTIENGESELLSCHAFT DELCO ELECTRONICS CORPORATION ELECTRONIC DATA SYSTEMS CORP G M HUGHES ELECTRONICS CORP HUGHES AIRCRAFT COMPANY HUGHES COMMUNICATIONS INC HUGHES DANBURY OPTICAL SYSTEMS HUGHES ELECTRO OPTICAL OPNS IN HUGHES LAN SYSTEMS INC HUGHES MICROELECTRONICS LTD HUGHES MICROELECTRONICS LTD HUGHES STX CORPORATION HUGHES TRAINING SYS INC S T SYSTEMS CORPORATION SPECTROLAB INC TRANSLANT INC	268,768 250 7,023 2,9,687 3,364 2,9,2,166 43 48,627 17,922 1,019 85 14,279 4,054 20,402 290 599 74,546 3,694,122	3.04	22.21			
7	RAYTHEON COMPANY BEECH AEROSPACE SERVICES INC BEECH AIRCRAFT CORPORATION HANGAR ONE INC RAYTHEON MDTRNEAN SYSTEMS CO RAYTHEON MIDDLE EAST SYSTMS CO RAYTHEON SERVICE COMPANY RAYTHEON SUPFIRT SERVICES CO SWITCHCRAFT INC UNITED BEECHCRAFT INC UNITED ENGINEERS & CONSTRS TOTAL	2,404,309 134,478 89,896 496 1,423 700 54,608 36,924 37 55 117,759	2.33	24.55			
8	UNITED TECHNOLOGIES CORP ADAPTIVE OPTICS ASSOCIATES CARRIER CORPORATION INTEPNATIONAL FUEL CELLS CORP NORDEN SYSTEMS INC PRATT & WHITNEY AIRCRAFT SVCS PRAIT & WHITNEY CANADA INC UNITED TECH OPT SYSTEMS UNITED TECHNOLOGIES AUTO SYS USBI CO INC	2,767,805 414 688 796 27,848 1,988 99 106 438 2,697 2,802,878	2.30	26.86			
9	BOEING COMPANY THE ARGOSYSTEMS INC BOEING AEROSPACE OPERATIONS BOEING ELECTRONICS INC U T L CORPORATION TOTAL	1,280,863 3,365 1,210,350 75 538 2,495,191	2.05	28.91			

	FISCAL YEAR 1	992		
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
10	MARTIN MARIETTA CORPORATION TORRANCE ADVANCED METALS CORP	2,350.290 5,786		
:	TOTAL	2,356,077	1.94	30.85
11	LITTON INDUSTRIES INC INGALLS SHIPBUILDING INC LITTON BUSINESS SYSTEMS INC LITTON SYSTEMS INC MENUMASTER INC U S E C 0	114,486 1,818,275 207 401,267 152 48		
	TOTAL	2,334,436	1.92	32.78
12	GRUMMAN CORPORATION GRUMMAN AEROSPACE CORPORATION GRUMMAN DATA SYSTEMS CORP GRUMMAN SYSTEMS SUPPORT CORP	2,139,181 43,471 88		
	TOTAL	2,182,739	1.79	34.57
13	LORAL CORP LORAL AEROSPACE CORP LORAL ROLM MIL SPEC COMPUTERS LORAL TRAINING & TECH SVCS LORAL VOUGHT SYSTEMS	579,618 560,390 3,882 15,604 655,950		
	TOTAL	1,815,445	1.49	36.07
14	AMERICAN TELEPHONE & TELG CO A T & T COMMUNICATIONS INC A T & T INTERNATIONAL INC A T & T ISTEL VISUAL INTERACT A T & T PARADYNE INC NCR COMTEN INC NCR CORPORATION NCR GMBH NCR JAPAN LTD WESTERN ELECTRIC SAUDI ARABIA	1,247,618 59,173 4,330 31 115 15,846 10,131 149 149 45		
	TOTAL	1,337,587	1.10	37.17
15	ROCKWELL INTERNATIONAL CORP ALLEN-BRADLEY COMPANY INC COLLINS SYSTEMS INTERNATIONAL ROCKWELL POWER SYSTEMS	1,195,553 104 15,941 21,837		
	TOTAL	1,233,435	1.01	38.18

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R		THOUSANDS	PERCENT	CUMULATIVE
A	COMPANIES	OF	OF	PERCENT OF
N	COMPRIATED			1
ĸ		DOLLARS	TOTAL	TOTAL
16	TEXTRON INC AIRFOIL TEXTRON INC ATLANTIC AEROSPACE TEXTRON AVCO CURPORATION AVCO RESEARCH LABORATORY INC BABCO TEXTRON INC BELL HELICOPTER INTERNATIONAL BELL HELICOPTER SERVICES INC BELL HELICOPTER TEXTRON INC CADILLAC GAGE TEXTRON INC CESSNA AIRCRAFT COMPANY EX CELL O CORPORATION H R TEXTRON INC NORWOOD PRECISION PDTS TEXTRON TEXTRON FILTRATION SYSTEMS	251,994 678- 35 252,076 4,413 6,965 428 9,756 614,798 2,395 228 10,464 6,656 32- 1,572	0.95	39.14
	TOTAL	1,161,072	0.95	35.14
17	BATH HOLDING CORPORATION BATH IRON WORKS CORPORATION TOTAL	0 1,148,372 1,148,372	0.94	40.09
18	WESTINGHOUSE ELECTRIC CORP KNOLL GROUP THE KNOLL NORTH AMERICA INC SCIENTIFIC ECOLOGY GROUP INC SHAW WALKER CO T S C INC WESTINGHOUSE ENVIR GEO SER XETRON CORPORATION TOTAL	1,115,522 7,090 81 6,771 95 14,640 260 2,753	0.94	41.03
19	TRW INC ESL INCORPORATED SCI TEC INC TRW ELECTRONIC PRODUCTS INC TOTAL	874,042 134,090 345 4,044 1,012,521	0.83	41.86
20	INTERNATIONAL BUS MCHS CORP	931,776		
	TOTAL	931,776	0.76	42.63
21	UNISYS CORPORATION PARAMAX SYSTEMS CORP RAMAC SERVICES CORPORATION TOTAL	466,837 365,723 1,450 834,011	0.68	43.32

	PISCAL YEAR I			
R A	COMPANIES	THOUSANDS	PERCENT	CUMULATIVE
N	COMPANIES	DOLLARS	TOTAL	PERCENT OF TOTAL
K	ITT COPPORATION FEDERAL LLECTRIC GMBH	596,552 50		
	HARTFORD ACCDENT INDEMNITY CO ITT BASE SERVICES INC ITT FEDERAL SERVICES CORP ITT GILFILLAN ITT STANDARD SHERATON WASHINGTON HOTEL	30 10,205 188,170 2,034 39 192		
	TOTAL	797,273	0.65	43.98
23	FOUNDATION HEALTH CORPORATION	761,262		
	TOTAL	761,262	0.52	44.60
24	TEXAS INSTRUMENTS INCORPORATED TEXAS INSTRUMENTS ASIA LTD	730,272 329		
	TOTAL	730,601	0.60	45.20
25	GTE CORPORATION CONTEL CORPORATION CONTEL OF CALIFORNIA INC CONTEL OF MISSOURI INC CONTEL OF THE WEST INC CONTEL OF VIRGINIA INC GTE ALASKA INC GTE CALIFORNIA INC GTE COMMUNICATIONS SYSTEMS GTE GOVERNMENT SYSTEMS CORP GTE HAWAIIAN TELEPHONE CO INC GTE INTERNATIONAL INC GTE NORTHWEST INCORPORATED GTE PRODUCTS CORP GTE SOUTH INCORPORATED GTE SOUTHWEST INCORPORATED GTE SUTH INCORPORATED GTE SYLVANIA COM PRODUCTS GTE TELECOM INC GTE TELECOM INC GTE TELECOM TORPORATED GTE TELECOM TORPORATED GTE TOTAL	8,424 221,442 1,114 56 289 422 980 1,824 1,251 433,119 8,020 450 99 1,723 1,350 2,579 9,742 25,006 6,159 403 36 724,489	0.59	45.80
26	SCIENCE APPLICATIONS INTL CORP AMERICAN SYSTEMS ENGRG CORP FALCON ASSOCIATES FALCON ASSOCIATES LTD LOGISTIC SYSTEMS ARCHITECTS SAIC ENGINEERING INC TOTAL	628,977 18,567 386 1,988 790 34,897 685,606	0.56	46.37

	FISCAL YEAR IS	772		, . <u></u>
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
27	ALLIANT TECHSYSTEMS INC	609,676		
	TOTAL	609,676	0.50	46.87
28	TENNECO INC CASE J I COMPANY NEWPORT NEWS SHPBLDING DRYDOCK SPERRY MARINE INC TOTAL	15,175 8,801 539,852 20,994 584,822	0.48	47.35
29	OLIN CORPORATION OLIN FABRICATED METAL PRODUCTS OLIN ORDNANCE OLIN WINCHESTER PACIFIC ELECTRO DYNAMICS INC PHYSICS INTERNATIONAL COMPANY ROCKET RESEARCH CO TOTAL	516,561 4,294 24,456 6,974 2,235 18,281 531	0.47	47.82
30	E-SYSTEMS INC ENGINEERING RESEARCH ASSOC HRB SYSTEMS INC SERV AIR INC TOTAL	290,876 1,069 1,980 206,954 500,880	0.41	48.23
31	COMPUTER SCIENCES CORPORATION ANALYTICS INCORPORATED COMPUTER SCIENCE APPLICATIONS CSC ANALYTICS INC INFONET SERVICES CORPORATION TOTAL	485,903 64 3,324 1,291 4,837 495,419	0.40	48.64
32	RENCO GROUP INC AM GENERAL CORPORATION TOTAL	462,143 462,143	0.38	49.02
33	ALLIED SIGNAL INC ALLIED SIGNAL AEROSPACE CO BENDIX FIELD ENGINEERING CORP TOTAL	161,301 296,809 760 458,869	0.37	49.40
34	BOEING CO & SIKORSKY ACFT JV	458,619	0.31	93.40
	TOTAL	458,619	0.37	49.78

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R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
(1) 35	CFM INTERNATIONAL INC	447,648		
(1)	TOTAL	447,648	0.36	50.15
36	FMC CORPORATION	447,616		
	TOTAL	447,616	0.36	50.51
37	DYNCORP DYNAIR CFE SERVICES INC ITS INTERNATIONAL SERVICE GMBH MERIDIAN CORPORATION SEA MOBILITY INC TOTAL	437,732 217 4,743 3,766 60 446,517	0.36	50.88
38	MITRE CORPORATION TOTAL	434,253 434,253	0.35	51.24
39	JOHNS HOPKINS UNIVERSITY TOTAL	406,267 406,267	0.33	51.57
40	TELEDYNE INC TELEDYNE INDUSTRIES INC TOTAL	401,602	0.33	51.91
41	MASSACHUSETTS INST OF TCHNOLOG	<u>389,144</u> 389,144	6.32	52.23
42	JOHNSON CONTROLS INC JOHNSON CONTROLS WORLD SERVICE TOTAL	2,027 37:,710 373,738	0.30	52.53
43	OSHKOSH TRUCK CORP	372,228 372,228	0.30	52.84
44	HERCULES INCORPORATED TOTAL	364,165 364,165	0.29	53.14

	FISCAL YEAR IS	332		
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
45	MOTOROLA INC CODEX CORPORATION MOTOROLA COMMUNICATIONS & ELEC TOTAL	278,965 23,148 51,271 353,384	0.29	53.43
46	ROYAL DUTCH SHELL GROUP OF COS ROYAL LUBRICANTS CO SCALLOP PETROLEUM CO SHELL INTL EASTERN TRADING CO SHELL MARKETS MIDDLE EAST SHELL OIL COMPANY SHELL PETROLEUM INC SHELL PIPE LINE CO TOTAL	0 7,897 1,302 42,983 546 287,661 3,760 324	0.28	53.71
47	GENCORP INC AEROJET TOTAL	1,301 337,777 339,078	0.27	53.99
48	HARRIS CORPORATION EXECUTIVE CONFERENCE-CENTER LANIER DE PANAMA SA LANIER WORLDWIDE INC TOTAL	304,014 669 62 2,859 307,604	0.25	54.25
49	COASTAL CORPORATION COASTAL ARUBA REFINING CO N V COASTAL EAGLE POINT OIL CO COASTAL FUELS MARKETING INC COASTAL GAS MARKETING CO COASTAL OIL NEW ENGLAND INC COASTAL OIL NEW YORK INC COASTAL REFINING & MARKETING TOTAL	299 23,203- 70,425 6,573 3,126 1,916 1,683 245,724	0.25	54.50
50	EXXON CORPORATION ESSO BERMUDA ESSO PETROLEUM CO LTD ESSO SINGAPORE PTE LTD EXXON CHEMICAL TRADING INC EXXON COMPANY USA EXXON INTERNATIONAL SERVICES ZILOG INC TOTAL	22,329 504 62 62,122 46- 199,569 21,442 114 306,116	0.25	54.75

	FISCAL YEAR 1992				
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL	
51	PENN CENTRAL CORPORATION CAROL CABLE CO INC G & H TECHNOLOGY INC GK TECHNOLOGIES INC MARATHON LETOURNEAU COMPANY MARATHON MANUFACTURING CO VITRO CORPORATION TOTAL	0 27 597 616 1,970 2,347 292,269 297,826	0.24	55.00	
52	HONEYWELL INC TETRA TECH DATA SYSTEMS INC TOTAL	296,270 102 296,372	0.24	55.24	
53	STEWART & STEVENSON SVCS INC TOTAL	270,414 270,414	0.22	55.46	
54	HARSCO CORPORATION TOTAL	264,731 264,731	0.21	55.68	
55	BLACK & DECKER CORPORATION PRC ENVIRONMENTAL MANAGEMENT PRC INC PRC PUBLIC SECTOR INC TOTAL	47,706 37,282 172,900 2,064 259,951	0.21	55.90	
56	ATLANTIC RICHFIELD COMPANY ARCO POWER TECHNOLOGIES INC TOTAL	226,414 32,065 258,479	0.21	56.11	
(2) 57	FED EX PAN AM NORTHWEST ETAL TOTAL	<u>256,349</u> 256,349	0.21	56.32	
58	AEROSPACE CORPORATION TOTAL	<u>253,455</u> 253,455	0.20	56.53	
59	THIOKOL CORPORATION TOTAL	245,998 245,998	0.20	56.73	

	FISCAL YEAR 1992				
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL	
60	MIP INSTANDSETZUNGSBETRIC	231,506			
	TOTAL	231,506	0.19	56.92	
61	EG&G INC EG&G ASTROPHYSICS RESEARCH EG&G BERTHOLD ANALYTICAL INC EG&G BIRTCHER EG&G DYNATREND EG&G ELECTRONIC COMPONENTS EG&G FLOW TECHNOLOGY EG&G FRANK HILL ASSOCIATES EG&G INTERRECH EG&G KT AEROFAB EC&G MANAGEMENT SYSTEMS EG&G POWER SYSTEMS INC EG&G PRESSURE SCIENCE INC EG&G PRINCETION APPLIED RES EG&G RETICON EG&G SECIAL PROJECTS EG&G SECIAL PROJECTS EG&G WASHINGTON ANALYTICAL SVC EG&G WRIGHT COMPONENTS INC TOTAL GENERAL ELECTRIC CO PLC THE ABD HOLDINGS INCORPORATED CANADIAN MARCONI COMPANY CINCINNATI ELECTRONICS CORP CIRCUIT TECHNOLOGY INC E E V INC G E C AEROSPACE LTD GEC ALSTHOM INTERNATIONAL INC GEC AVIONICS LTD GEC FERRANTI DEFENSE SYSTEMS GEC INCORPORATED GEC MARCONI CO LTD GEC MARCONI CO LTD GEC MARCONI CO LTD GEC MARCONI CO LTD GEC PLESSEY AREO PRECISION GEC PLESSEY AREO PRECISION GEC PLESSEY AREO PRECISION GEC PLESSEY AREO PRECISION GEC PLESSEY SEMICONDUCTORS GEC SENSORS LTD LEAR ASTRONICS CORP MARCONI INSTRUMENTS INC MARCONI INSTRUMENTS INC MARCONI INDEFWATER SYSTEMS LTD PICKER INTERNATIONAL INC	111,292 72 39 55 638 40 177 305 1,931 1,718 14,470 72 1,646 706 123 14,559 3,726 1,935 75,514 229,430 3,700 1,035 75,514 264 972 88 278 75,542 1,984 1,443 25,230 57,869 806 2,957 158 55- 47 663 13,523 11,483 129 11,714 15,839	0.18	57.11	
	PLESSEY AEROSPACE LID PLESSEY ELECTRONIC SYSTEMS CO PLESSEY NORTH AMERICA CORP SIPPICAN INC TOTAL	516 85 243 59,843	0.18	57.29	
		220,007			

	FISCAL YEAR IS	332		
R A	COMPANIES	THOUSANDS OF	PERCENT	CUMULATIVE PERCENT OF
N K	COMPARIDO	DOLLARS	TOTAL	TOTAL
63	BDM HOLDINGS INC BDM INTERNATIONAL INC BDM MANAGEMENT SERVICES CO VINNELL CORPORATION	0 150.945 30.918 27,485		
	TOTAL	209,348	0.17	57.47
64	NV PHILIPS GLOEILAMPENFABREIKN GENERAL ATRONICS INCORPORATED MACNAVOX GOVT & INDSTRL ELCTR NORTH AMERICAN PHILIPS CORP PHILIPS ELECTRONIC INSTRUMENTS PHILIPS LIGHTING CO PHILIPS MEDICAL SYSTEMS INC TOTAL	0 155 188,783 1,911 1,720 465 6,190	0.16	57.63
		,		
65	NATIONAL STEEL & SHIPBLDG CO TOTAL	<u>197,300</u> 197,300	0.16	57.79
66	MONTECATINI EDISON SPA IN ABBR INTERMARINE USA	197,270		50.05
	TOTAL	197,270	0.16	57.96
67	LOGICON INC EAGLE TECHNOLOGY INC LOGICON ULTRASYSTEMS INC R & D ASSOCIATES	56,446 54,158 245- 26,798		
	TOTAL	197,157	0.16	58.12
68	C A E INDUSTRIES LTD	196,060		50.00
	TOTAL	196,060	0.16	58.28
69	CERIDIAN CORPORATION COMPUTING DEVICES CANADA LTD	191,441 4,309		
	TOTAL	195,749	0.16	58.44
70	ASTRONAUTICS CORP OF AMERICA KEARFOTT GUIDANCE & NAVIGATION	25.086 166,949		
	TOTAL	192,035	0.15	58.60

	FISCAL YEAR 19	992		
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
71	ESCO ELECTRONICS CORPORATION ELECTRONICS & SPACE CORP HAZELTINE CORPORATION: RANTEC MICROWAVE & ELECTRONICS SOUTHWEST MOBILE SYSTEMS CORP VACCO INDUSTRIES TOTAL	11,246 47,430 28,356 749 97,970 1,066	0.15	58.75
72	HALLIBURTON COMPANY BROWN & ROOT INC BROWN & ROOT INTERNATIONAL BROWN & ROOT SERVICES CORP NUS CORPORATION SIERRA GEOPHYSICS INC TOTAL	718 42,098 24,376 92,975 25,628 80 185,876	0.15	58.91
73	AVONDALE INDUSTRIES INC AVONDALE GULFPORT MARINE INC AVONDALE TECHNICAL SERVICES TOTAL	167,914 5,038 128 173,080	0.14	59.05
(3)74	WORLD ROSEN KEY AMER ETAL J V	<u>169,054</u> 169,054	0.13	59.19
75	TRACOR INC GENERAL IMAGE ENGINEERING CORP TRACOR AEROSPACE INC TRACOR APPLIED SCIENCES INC TRACOR FLIGHT SYSTEMS INC TRACOR TECHNOLOGY RESOURCES TOTAL	34,453 400 39,330 88,883 1,789 2,150 167,004	0.13	59.32
76	MARTIN MARIETTA WESTNGHSE JV	163,985		
	TOTAL	163,985	0.13	59.46
77	EASTMAN KODAK COMPANY DATATAPE INCORPORATED HOLSTON DEFENSE CORPORATION KODAK AKTIENGESELLSCHAFT OUALEX INC STERLING DRUG INC STERLING PRODUCTS INT'. STERLING WINTHROP INC	39,313 2,995 114,774 2,994 129 75 1,615 76	0.13	59.59

	FISCAL YEAR 1992				
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL	
78	SOUTHWEST MARINE INC	161,607			
	TOTAL	161,607	0.13	59.73	
79	CHRYSLER CORPORATION CHRYSLER MOTORS CORPORATION CHRYSLER SYSTEMS LEASING DEL CHRYSLER TECH ARBR SYSTEMS CHRYSLER TECHNOLOGIES CORP ELECTROSPACE SYSTEMS INC PENTASTAR ELECTRONICS INC	195 342 908 51,893 93- 64,330 39,155			
	TOTAL	156,721	0.12	59.86	
80	AMOCO CORPORATION AMOCO FABRICS & FIBERS CO MERET OFTICAL COMMUNICATIONS	154,454 224 59			
	TOTAL	154,737	0.12	59.98	
81	CSX CORPORATION AMERICAN COML MAR SVC COMPANY CSX TRANSPORTATION INC SEA LAND SERVICE INC TOTAL	0 111 301 143,442	0.11	60.10	
(4) 82	NATIONAL PROCESS				
(4) 82	NATIONAL PROGRAM OFFICE TOTAL	142,804	0.11	60.22	
83	BOOZ ALLEN & HAMILTON INC ADVANCED DECISION SYSTEMS	139,111 2,336	1		
	TOTAL	141,446	0.11	60.34	
84	SEQUA CORPORATION ATLANTIC RESEARCH CORPORATION CHROMALLOY GAS TURBINE CORP JANUS SYSTEMS	19.210 85.458 35,382 280			
	TOTAL	140,330	0.11	60.45	
85	INTERNATIONAL SHIPHOLDING CORP CENTRAL GULF LINES INC WATERMAN STEAMSHIP CORPORATION	32,696 103,417			
	TOTAL	136,113	0.11	60.56	
			<u> </u>		

	PISCAL YEAR IS	732		,
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL
86	DIGITAL EQUIPMENT CORPORATION DIGITAL EQUIPMENT GMBH DIGITAL EQUIPMENT INTL TOTAL	131,361 2,769 44 134,175	0.11	60.67
87	MOBIL CORPORATION	131,554		60.00
	TOTAL	131,554	0.10	60.78
88	FORSTMANN LITTLE & CO FL AEROSPACE HOLDINGS CORP FL INDUSTRIES HOLDINGS INC GENERAL INSTRUMENT CORPORATION HYPERION INDUSTRIES CORP LEAR SIEGLER HOLDINGS CORP LEAR SIEGLER MANAGEMENT SVCS PEABODY FLOWAY INC PULLMAN HOLDING CORP	0 8,000 485 1,960 215 100,158 1,174 122 18,721		
	TOTAL	130,836	0.10	60.89
89	CHEVRON CORPORATION CHEVRON CHEMICAL COMPANY CHEVRON INTERNATIONAL OIL CO CHEVRON U S A INC TOTAL	0 416 52 126,232 126,700	0.10	60.99
90	ISRAEL AIRCRAFT INDUSTRIES LTD ISRAEL AIRCRAFT INDS INTL	123,679 2,864		
	TOTAL	126,543	0.10	61.19
91	EATON CORPORATION ALL SYSTEMS INC AMERICAN NUCLEONICS CORP EATON KENWAY INCORPORATED TOTAL	24,981 99,965 379 452 125,777	0.10	61.20
92	BLACKSTONE GROUP LP GREAT LAKES DREDGE & DOCK CO NATCO LIMITED PARTNERSHIP NORTH AMERICAN TRAILING CO TOTAL	98,882 21,878 3,916 124,677	0.10	61.30

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R		THOUSANDS	PERCENT	CUMULATIVE
A	COMPANIES	OF	OF	PERCENT OF
N	COMPANIES		1	
R		DOLLARS	TOTAL	TOTAL
93	XEROX CORP	114,977		1
-	RANK MEROM GMBH	5.629		l i
	SPECTRA DIODE LABORATORIES	2,774		1
İ	VERSATEC INC	105	1	1
Į	XEROX BURG ARACLARI TICAR XEROX ENGINEERING SYSTEMS	46 67		1
1	XEROX ENGINEERING SYSTEMS GMBH	115		
l	nelon engineering ordinals with			
ł	TOTAL	123,714	0.10	51.41
1				1
l				
94	DUCHOSSOIS ENTERPRISES INC	20		1
	CHAMBERLAIN MANUFACTURING CORP	68,841	l	
1	SACO DEFENSE INC	54,522		
İ		102444	1	6. 5.
1	TOTAL	123,444	0.10	61.51
1				
1	ENGERGY CORREST TION		1	
j 95	ENSERCH CORPORATION	300		
	EBASCO CONSTRUCTORS INC	6.158		
	EBASCO SERVICES INC LONE STAR GAS CO	107.705 7.314	1	
	MOOLIN FRANK & ASSOCIATES INC	31	l	
			i	l i
1	TOTAL	121,509	0.10	61.51
1		ł		
1				
96	TRINITY INDUSTRIES INC	19.395		
	BEAIRD INDUSTRIES INC	29-		
	HALTER MARINE INC	72.035		
	TRINITY MARINE GROUP	29,959		
Ī	TOTAL	121,360	0.09	61.71
l				1
1		İ	1	
57	UNITED INDUSTRIAL CORPORATION	٥	1	
1	A A I CORPORATION	116,461		
1	DETROIT STOKER COMPANY	219		
	SETI INC	2,009		
	TOTAL	118,687	0.09	61.81
	IOIAL	1 . 10,007	1 7.03	
	ARVIN INDUSTRIES INC			
98	CALSPAN CORPORATION	77,489		1
1	SYSTEMS RESEARCH LABORATORIES	40,116	Į.	1
1	C. C. C. C. C. C. C. C. C. C. C. C. C. C			1
1	TOTAL	117,605	0.09	61.90
99	VINNELL CORP BROWN & ROOT JV	115,445		I
	7074	11546	1 222	1 63.00
	TOTAL	116,446	0.09	62.00
			1	
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	FISCAL TEAR 1992					
R A N K	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF TOTAL	CUMULATIVE PERCENT OF TOTAL		
 	INFOTEC DEVELOPMENT INC	110,000		 		
100		116,392	0.00	62.00		
	TOTAL	116,392	0.09	62.09		
	FOOTNOTES:					
	(1) A joint venture of SNECMA (Francand General Electric Co., USA.	ce)				
	(2) A joint venture of Federal Expro Northwest Airlines, Pan Am World Airways, Tower Air, and United Parcel Services.					
	(3) A joint venture of World Airways Rosenbalm Aviation, Key Airlines American Airlines, Evergreen International Airlines, and Emer Worldwide.	5,				
	(4) A joint venture of McDonnell Douglas Corp., Rockwell Interna- tional Corp., General Dynamics Corp., Rocketdyne, and Pratt and Whitney.					